



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/542,251

07/15/2005

Sang-Zee Lee

34381-1

2719

24256 7590 06/04/2007

DINSMORE & SHOHL, LLP  
1900 CHEMED CENTER  
255 EAST FIFTH STREET  
CINCINNATI, OH 45202

EXAMINER

NGUYEN, THU V

ART UNIT

PAPER NUMBER

3661

MAIL DATE

DELIVERY MODE

06/04/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/542,251

Applicant(s)

LEE, SANG-ZEE

Examiner

Thu Nguyen

Art Unit

3661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 12 March 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1,5 and 12-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,5 and 12-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 July 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application
- ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

The amendment filed on March 12, 2007 has been entered. By this amendment, claims 2-4, 6-11 have been canceled, claim 14 has been added and claims 1, 5, 12-14 are now pending in the application.

#### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 1, 5, 12-14 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Claim 1 includes the following limitation which are not disclosed in the specification: "linking the location ID to a URL" (line 6), "connects with one of a plural of location information domain servers using an IP address" (lines 11-12), and "request the location information domain server to search a location information corresponding to the USERID" (lines 13-14). Other claims are rejected as being dependent on the rejected base claim.

#### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 3661

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 5, 12-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gale et al (US 6,487,495) in view of Want et al (US 6,122,520).

As per claim 1, Gale shows a location information sharing method based on wired and wireless internet using location identification (ID), the method is characterized by: transmitting the location information including a coordinate value searched by the location ID 433 (fig.9) from the location information domain server to the wired or wireless terminal requesting the location information (col.12, lines 10-45); and performing application functions 546 (col.14, lines 45-64), the application functions include viewing a map around a location coordinate contained in the location information corresponding to location ID on the wired or wireless terminal (col.14, lines 45-64; col.15, lines 1-25, lines 36-64; col.16, lines 27-32, lines 40-48), and request the location domain server to search a location information corresponding to the UserID of the location ID (col.14, lines 45-64; col.15, lines 1-25, lines 36-64; col.16, lines 27-32, lines 40-48). Gale does not teach writing a location ID in a content of a document and linking the location ID to a URL, the location ID comprises a UserID and DomainName separated by a separator symbol, and the URL includes the UserID and DomainName as parameters; searching a registered location information utilizing a location ID linked to a URL on one of a plural of location information domain servers, a wired or wireless terminal connects with a web site corresponding to the URL and connects with one of a plural of location information domain servers using an IP address corresponding to the DomainName of the location ID. However, Gale teaches that the location ID can be formed by with any suitable format including the URL or other internet address (col.10, lines 18-22; col.8, lines 25-36) and registering the location ID together with the

coordinate (col.6, lines 12-15), and Want teaches writing a location ID in a content of a document and linking the location ID to a URL (col. 5, lines 5-21) and searching location information utilizing a location ID linked to a URL on one of a plural of location information domain servers (col.5, lines 11-21), and connect with a domain server using an IP address corresponding to the domain name (col.5, lines 44-47; col.8, lines 19-21). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to include a location ID comprising the userID and domain name with a separator in the location ID of Gale as suggests by Want in order to help retrieve the coordinate information from a appropriate server when the coordinates are stored in different databases on different servers.

As per claim 5, Gale teaches performing a navigation function of the wired or wireless terminal with a positioning system by designating a location coordinate contained in the location information corresponding to the location ID as a destination (col.12, lines 4-20).

As per claim 12, Gale teaches that the location ID can be formed by with any suitable format including the URL or other internet address (col.10, lines 18-22; col.8, lines 25-36). Selecting a separator symbol such as a !, \$, etc. would have been obvious. One of ordinary skill in the art would have found it obvious to select a specific separator such as a known character !, \$, etc., because selecting the separator are known to be help distinguished the separator from the well known separator @ used specifically for email.

As per claim 13, Gale teaches a wireless cellular phones (col.11, lines 60-64).

As per claim 14, Want teaches that the document comprises documents from word processing software (col.7, lines 10-20).

***Response to Arguments***

5. Applicant's arguments with respect to claims 1, 5, 12-14 have been considered but are moot in view of the new ground of rejection.

Applicant's amendment necessitated the new ground of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Nguyen whose telephone number is (571) 272-6967. The examiner can normally be reached on T-F (7:30-6:00).

Art Unit: 3661

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

May 25, 2007

  
**THU V. NGUYEN**  
**PRIMARY EXAMINER**